

## **IN THE CLAIMS**

### **1. (Currently Amended)**

1           A fuel pump module, comprising:  
2           a reservoir;  
3           a high pressure fuel pump having an inlet communicating with the  
4 reservoir and having an outlet **of pressurized fuel**;  
5           a nozzle having an outlet **and an inlet** in fluid communication with the  
6 outlet of the high pressure fuel pump for fuel flow therebetween; and  
7           at least one restrictor plate received between the outlet of the fuel pump  
8 and the ~~outlet~~ **inlet** of the nozzle, the restrictor plate having an orifice **upstream of the**  
9 **inlet of the nozzle and** restricting the flow of fuel flowing to the nozzle.

### **2. (Currently Amended)**

1           The fuel pump module of claim 1 wherein the reservoir has an inlet and  
2 the outlet of the nozzle is generally adjacent the inlet **of the reservoir**.

### **3. (Original)**

1           The fuel pump module of claim 1 wherein the reservoir has an inlet and  
2 further comprising a first venturi axially spaced from the nozzle generally between the  
3 nozzle and the inlet of the reservoir, the first venturi having an inlet in fluid  
4 communication with the outlet of the nozzle to receive fuel discharged from the outlet of  
5 the nozzle, and having an outlet through which fuel is discharged generally toward the  
6 inlet of the reservoir.

#### 4. (Currently Amended)

1           ~~The fuel pump module of claim 3 further comprising~~  
2           A fuel pump module, comprising:  
3           a reservoir having an inlet;  
4           a high pressure fuel pump having an inlet communicating with the  
5 reservoir and having an outlet of pressurized fuel;  
6           a nozzle having an outlet and an inlet in fluid communication with the  
7 outlet of the high pressure fuel pump for fuel flow therebetween;  
8           at least one restrictor plate received between the outlet of the fuel  
9 pump and the inlet of the nozzle, the restrictor plate having an orifice restricting the  
10 flow of fuel flowing to the nozzle;  
11           a first venturi axially spaced from the nozzle generally between the  
12 nozzle and the inlet of the reservoir, the first venturi having an inlet in fluid  
13 communication with the outlet of the nozzle to receive fuel discharged from the  
14 outlet of the nozzle, and having an outlet through which fuel is discharged; and  
15           a second venturi having an inlet in fluid communication with the outlet of  
16 the first venturi to receive fuel discharged from the first venturi, and having an outlet  
17 through which fuel is discharged generally toward the inlet of the reservoir.

#### 5. (Original)

1           The fuel pump module of claim 4 wherein the first venturi and the second  
2 venturi are constructed as a single piece of material.

6. (Currently Amended)

1           ~~The fuel pump module of claim 1 wherein~~

2           A fuel pump module, comprising:

3           a reservoir;

4           a high pressure fuel pump having an inlet communicating with the  
5           reservoir and having an outlet;

6           a nozzle having an outlet in fluid communication with the outlet of the  
7           high pressure fuel pump for fuel flow therebetween;

8                   a pair of restrictor plates axially spaced from one another ~~are~~ and  
9           received between the outlet of the high pressure fuel pump and the ~~outlet~~ inlet of the  
10          nozzle; and

11                   at least one of the restrictor plates having an orifice restricting the  
12          flow of fuel flowing to the nozzle..

7. (Original)

1           The fuel pump module of claim 1 further comprising a return fuel line  
2          extending generally between the outlet of the nozzle and the reservoir.

## 8 (Original).

1                   The fuel pump module of claim 7 wherein the reservoir has an inlet and  
2   the return fuel line extends generally adjacent the inlet of the reservoir.

## 9. (Currently Amended)

1                   ~~A fuel transfer arrangement for transferring fuel from outside a~~  
2   ~~reservoir of a fuel system into the reservoir, comprising:~~

3                   ~~a high pressure fuel pump having an outlet of high pressure fuel,~~  
4                   ~~a nozzle receiving a first volume of fuel under pressure from the~~  
5   ~~outlet and dispensing a first stream of fuel from the nozzle;~~

6                   The fuel pump module of claim 1 comprising:

7                   a first venturi operably connected to the nozzle downstream from the  
8   nozzle and the first venturi providing entrainment of fuel adjacent the first venturi into  
9   the first stream of fuel to provide a second stream of fuel having a second volume, and  
10   discharged from the first venturi, the second volume being greater than the first volume;  
11   and

12                  a second venturi axially spaced downstream from the first venturi  
13   providing entrainment of fuel adjacent the second venturi into the second stream of fuel  
14   exiting the first venturi to provide a third stream of fuel having a third volume and  
15   discharged from the second venturi, the third volume being greater than the second  
16   volume and the third stream being delivered to the reservoir.

**10. (Currently Amended)**

1           The fuel ~~transfer arrangement~~ pump module of claim 9 wherein the  
2   first venturi and the second venturi are operably connected to one another.

**11. (Currently Amended)**

1           The fuel ~~transfer arrangement~~ pump module of claim 10 wherein the  
2   first venturi and the second venturi are constructed as a single piece of material.

**12. (Cancelled)**

**13. (Currently Amended)**

1           The fuel ~~transfer arrangement of claim 12~~ pump module of claim 4  
2   wherein a pair of restrictor plates axially spaced from one another are arranged upstream  
3   of said nozzle.

**14. (Currently Amended)**

1           The fuel ~~transfer arrangement of claim 9 further~~ pump module of  
2   claim 4 comprising a fuel line in fluid communication with the second venturi and  
3   communicating fuel exiting the second venturi generally toward the reservoir.

15. (Currently Amended)

1           A The fuel transfer arrangement ~~for transferring fuel from one portion~~  
2 ~~of a fuel tank, of claim 32~~ comprising:

3                   ~~a source of pressurized fuel;~~

4                   ~~a nozzle disposed in one portion of the fuel tank, having an inlet in~~  
5 ~~communication with the source of pressurized fuel to receive pressurized fuel, and~~  
6 ~~an outlet through which fuel is discharged;~~

7                   a first venturi having an inlet in communication with ~~said~~ one portion of  
8 the fuel tank and with the outlet of the nozzle to receive fuel discharged from the nozzle,  
9 and an outlet through which fuel is discharged from the first venturi, the flow of fuel  
10 from the nozzle to the first venturi causing fuel to move from said one portion of the fuel  
11 tank into the inlet of the first venturi; ~~and~~

12                   ~~a second venturi having an inlet in communication with said one~~  
13 ~~portion of the fuel tank and with the outlet of the first venturi to receive fuel~~  
14 ~~discharged from the first venturi, and an outlet in communication with said another~~  
15 ~~portion of one of the fuel tank and a reservoir to move fuel from said second venturi~~  
16 ~~to said one of another portion of the fuel tank and the reservoir, the flow of fuel~~  
17 ~~between the first venturi and second venturi causing fuel to move from said one~~  
18 ~~portion of the fuel tank into the inlet of the second venturi.~~

**16. (Currently Amended)**

1           The fuel transfer arrangement of claim 15 ~~wherein said one portion is a~~  
2 ~~fuel tank and said another portion is a reservoir in the fuel tank.~~  
3           which comprises a second venturi having an inlet in communication  
4 with said one portion of the fuel tank and with the outlet of the first venturi to  
5 receive fuel discharged from the first venturi, and an outlet in communication with  
6 another portion of one of the fuel tank and a reservoir to move fuel from said  
7 second venturi to said one of another portion of the fuel tank and the reservoir, the  
8 flow of fuel between the first venturi and second venturi causing fuel to move from  
9 said one portion of the fuel tank into the inlet of the second venturi.

**17. (Original)**

1           The fuel transfer arrangement of claim 15 wherein the fuel discharged  
2 from the outlet of the nozzle flows at a first flow rate and the fuel discharged from the  
3 outlet of the first venturi flows at a second flow rate, the second flow rate being greater  
4 than the first flow rate.

**18. (Currently Amended)**

1           The fuel transfer arrangement of claim ~~17~~ 16 wherein the fuel  
2 discharged from the outlet of the nozzle flows at a first flow rate and the fuel  
3 discharged from the outlet of the first venturi flows at a second flow rate, the second  
4 flow rate being greater than the first flow rate and the fuel discharged from the outlet  
5 of the second venturi flows at a third flow rate, the third flow rate being greater than the

6 second flow rate.

**19. (Currently Amended)**

1 The fuel transfer arrangement of claim 15 wherein the inlets and outlets of  
2 the nozzle[,], and first venturi ~~and second venturi~~ are co-axially aligned.

**20. (Currently Amended)**

1 The fuel transfer arrangement of claim ~~19~~ 16 wherein the outlet of the  
2 nozzle and the inlet of the first venturi are axially spaced from one another and the outlet  
3 of the first venturi and the inlet of the second venturi are axially spaced from one another.

**21. (Original)**

1 The fuel transfer arrangement of claim 15 wherein the source of  
2 pressurized fuel is a high pressure fuel pump having an outlet through which fuel is  
3 discharged under pressure and the inlet of the nozzle receives a portion of the fuel  
4 discharged from the high pressure fuel pump.

**22. (Cancelled)**



**23. (Currently Amended)**

1           The fuel transfer arrangement of claim ~~22~~ 15 wherein the pressurized fuel  
2   between said source and the restrictor plate has one pressure and the pressurized fuel  
3   between the restrictor plate and the nozzle has another pressure, said one pressure being  
4   greater than said another pressure.

**24. (Cancelled)**

1           The fuel transfer arrangement of claim 22 wherein the restrictor plate is  
2   axially spaced from the inlet of the nozzle.

**25. (Currently Amended)**

1           The fuel transfer arrangement of claim ~~22~~ 15 wherein a pair of restrictor  
2   plates restrict the flow of pressurized fuel between said source and the nozzle.

**26. (Original)**

1           The fuel transfer arrangement of claim 25 wherein the pair of restrictor  
2   plates are axially spaced from one another and from the nozzle.

**27. (Original)**

1           The fuel transfer arrangement of claim 25 wherein the pressurized fuel  
2   between said source and one of the restrictor plates has a first pressure and the  
3   pressurized fuel between the restrictor plates has a second pressure and the pressurized  
4   fuel between another of the restrictor plates and the nozzle has a third pressure, the first

5 pressure being greater than the second pressure and the second pressure being greater  
6 than the third pressure.

**28. (Currently Amended)**

1 The fuel transfer arrangement of claim 25 wherein the nozzle has a  
2 passage with a diameter, the passage defining the inlet and the outlet of the nozzle, and  
3 the orifices have diameters, the diameter of the passage in the nozzle being equal to or  
4 less than the diameters of the orifices.

**29. (Currently Amended)**

1 The fuel transfer arrangement of claim ~~22~~ 15 wherein the nozzle has a  
2 passage with a diameter, the passage defining the inlet and the outlet of the nozzle, and  
3 the orifice has a diameter, the diameter of the passage in the nozzle being greater than,  
4 equal to or less than the diameter of the orifice.

**30. (Currently Amended)**

1 The fuel transfer arrangement of claim ~~15~~ 16 wherein the first venturi and  
2 the second venturi are formed as a single piece of material.

**31. (Original)**

1 The fuel transfer arrangement of claim 30 wherein the first venturi and the  
2 second venturi are injection molded.

**32. (Currently Amended)**

1           A fuel transfer arrangement for transferring fuel from one portion of a fuel tank to  
2 another portion of a fuel tank spaced from said one portion, comprising:  
3           a source of pressurized fuel;  
4           a nozzle disposed in one portion of the fuel tank, having an inlet in communication  
5 with the source of pressurized fuel to receive pressurized fuel, and an outlet through which fuel is  
6 discharged; and  
7           at least one restrictor plate having an orifice communicating with the source of  
8 pressurized fuel, **disposed** between said source and the nozzle **and axially spaced upstream from**  
9 **the inlet of the nozzle.**

**33. (Original)**

1           The fuel transfer arrangement of claim 32 wherein the pressurized fuel between said  
2 source and the orifice has one pressure and the pressurized fuel between the orifice and the nozzle  
3 has another pressure, said one pressure being greater than said another pressure.

**34. (Cancelled)**

**35. (Original)**

1           The fuel transfer arrangement of claim 32 wherein a pair of orifices communicate  
2 with the source of high pressure fuel between said source and the nozzle.

**36. (Original)**

1           The fuel transfer arrangement of claim 35 wherein the pair of orifices are axially  
2 spaced from one another.

**37. (Original)**

1           The fuel transfer arrangement of claim 35 wherein the pressurized fuel between said  
2 source and one of the orifices has a first pressure and the pressurized fuel between the orifices has a  
3 second pressure and the pressurized fuel between another of the orifices and the nozzle has a third  
4 pressure, the first pressure being greater than the second pressure and the second pressure being  
5 greater than the third pressure.

**38. (Currently Amended)**

1           The fuel transfer arrangement of claim 35 wherein the nozzle has a passage with a  
2 diameter, the passage defining the inlet and the outlet of the nozzle, and the orifices have diameters,  
3 the diameter of the passage in the nozzle being equal to or less than the diameters of the orifices.

**39. (Currently Amended)**

1           The fuel transfer arrangement of claim 32 wherein the nozzle has a passage with a  
2 diameter, the passage defining the inlet and the outlet of the nozzle, and the orifice has a diameter,  
3 the diameter of the passage in the nozzle being equal to or less than the diameter of the orifice.